



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

July 20, 2012

LICENSEE: Northern States Power Company of Minnesota (NSPM)
FACILITY: Monticello Nuclear Generating Plant
SUBJECT: SUMMARY OF THE JULY 10, 2012, MEETING WITH NORTHERN STATES
POWER COMPANY OF MINNESOTA (NSPM) TO DISCUSS ISSUES
RELATED TO A FUTURE APPLICATION FOR AMENDMENT REGARDING
USE OF AREVA ATRIUM 10XM FUEL (TAC NO. ME8733)

On July 10, 2012, the Nuclear Regulatory Commission (NRC) staff held a Category 1 public meeting with representatives of NSPM, doing business as Xcel Energy, at NRC headquarters. The purpose of the meeting was for the licensee to discuss issues related to NSPM's planned future application for amendment regarding use of AREVA Atrium 10 XM fuel. The Enclosure to this summary contains the list of participants.

The licensee's presentation followed the licensee's handout material (docketed at Agencywide Documents Access and Management System (ADAMS) Accession No. ML12188A103). The licensee's presentation showed that the use of AREVA Atrium 10XM fuel is expected to start in Fuel Cycle 28 (in the year 2015), in concert with implementation of extended power uprate (currently under NRC staff review) and Maximum Extended Load Line Limit Analysis Plus (MELLLA+, also currently under NRC staff review). The NRC staff stated that the combination of MELLLA+ with AREVA Atrium 10XM fuel may be the kind of issue of interest to the Advisory Committee on Reactor Safeguards (ACRS), but the NRC staff cannot predict if the ACRS would choose to review such. The NRC staff also indicated that the proposed AREVA Atrium 10XM fuel amendment may constitute a "difficult and challenging" review and advised the licensee to keep the communication channels open with the NRC staff between now and submittal of the application.

Members of the public were in attendance. No portion of this meeting was closed to the public because no proprietary information or security-related information was used by the participants. Before the meeting adjourned, all participants were given the opportunity to comment on any aspects of the meeting. No comment or feedback was provided.

Please direct any inquiries to Peter Tam at 301-415-1451 or e-mail peter.tam@nrc.gov.

A handwritten signature in black ink, reading "Karl D. Feintuch".

Karl D. Feintuch, Project Manager
Plant Licensing Branch III-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-263

Enclosure: List of participants

cc w/encl: Distribution via ListServ

LIST OF PARTICIPANTS
MEETING BETWEEN NUCLEAR REGULATORY COMMISSION (NRC)
AND NORTHERN STATES POWER COMPANY OF MINNESOTA
MONTICELLO NUCLEAR GENERATING PLANT
FUTURE AMENDMENT RE. AREVA ATRIUM 10 XM FUEL

JULY 10, 2012

<u>NAME</u>	<u>ORGANIZATION</u>
Glenn Adams	Xcel Energy
Terry Beltz	NRR/DORL/LPL3-1***
Mike Baumann	Xcel Energy
Cliff Bonneau	Xcel Energy
John Fields	Xcel Energy
Ashley Guzzetta	NRR/DSS/SRXB*
Tai L. Huang	NRR/DSS/SRXB*
Alan Meginnis	Xcel Energy
Anthony Mendiola	NRR/DSS/SNPB**
Andrew Proffitt	NRR/DSS/SNPB**
Doug Pruitt	AREVA
Harold Scott	Office of Research, NRC
Summer Sun	NRR/DSS/SRXB*
Peter Tam	NRR/DORL/LPL3-1***
Ryan Welch	AREVA
Kent Wood	NRR/DSS/SRXB*
Shih-Liang Wu	NRR/DSS/SNPB**

The following participated by telephone:

Jeff Hren	GE Hitachi Nuclear Energy
Gerald Waig	NRR/DSS/STSB#

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*Office of Nuclear Reactor Regulation/Div. of System Safety/Reactor Systems Branch

**Office of Nuclear Reactor Regulation/Div. of System Safety/Nuclear Performance and Code Review Branch

***Office of Nuclear Reactor Regulation/Div. of Operating Reactor Licensing/Plant Licensing Branch 3-1

#Office of Nuclear Reactor Regulation/Div. of System Safety/Technical Specifications Branch

ENCLOSURE

July 20, 2012

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FACILITY: Monticello Nuclear Generating Plant

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Please direct any inquiries to Peter Tam at 301-415-1451 or e-mail peter.tam@nrc.gov.

Karl D. Feintuch, Project Manager /RA/
Plant Licensing Branch III-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

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Package: **ML12188A091**
Meeting Notice Accession No.: **ML12174A156**

Meeting Summary Accession No.: **ML12188A258**
Licensee's Handout Accession No.: **ML12188A103**

OFFICE	NRR/LPL3-1/PM	NRR/LPL3-1/LA	NRR/SRXB/BC	NRR/SNPB/BC	NRR/LPL3-1/BC(A)	NRR/LPL3-1/PM
NAME	KFeintuch	BTully/Rohrer /f/	SMiranda for AUIses	LWard for AMendiola	PTam for IFrankl	KFeintuch
DATE	7/20/12	7/16/12	7/18/12	7/18/12	7/20/12	7/20/12

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